

**AMENDMENTS TO THE CLAIMS**

Claims 1 – 46 (canceled)

Claim 47 (previously presented): A chip card with enhanced security for storing information, comprising:

- a) a memory device having data encrypted with a signature derived from a series of arbitrary spatial relationships of spatially encoded data;
- b) a medium incorporating a spatially encoded memory device, fixed to the exterior of the chip card, for the purpose of storing said spatially encoded data; and
- c) a processing element that uses said signature to access the encrypted data in said memory device.

Claim 48 (currently amended): A method for encoding a jitter signature into encoded data stored within a magnetic stripe ~~located on~~ fixed to a chip card wherein pairs of transitions are spaced apart by a non-integer multiple of a reference value, comprising the steps of:

- a) generating a jitter signature from a first portion of information stored within a magnetic stripe ~~located on~~ fixed to a chip card; and
- b) encoding said jitter signature in a second portion of the information stored within said magnetic stripe by jitter modulation, whereby said jitter modulation is accomplished by advancing or delaying the encoding timing by a small multiple of the reference value.